

## **Thermal RC network (Foster)**

## SPICE thermal model

## PSMN2R0-25MLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	1.65	K/W
	Cth <sub>1</sub>	2.796E-05 F		$\triangle$	_	
	Cth <sub>2</sub>	2.102E-04 F			<u>tj</u>	
	Cth <sub>3</sub>	3.989E-04 F				
	Cth <sub>4</sub>	1.624E-03 F			<u> </u>	
	Cth <sub>5</sub>	5.210E-03 F			」Rth₁ 🕇 Cth	
	Cth <sub>6</sub>	6.739E-03 F				
	Cth <sub>7</sub>	1.523E-01 F			<del></del>	
	Cth <sub>8</sub>	1.325E+02 F			Rth2 + Cth2	2
	Rth₁	2.674Ε-03 Ω				
	Rth <sub>2</sub>	4.942E-03 Ω			5	
	Rth <sub>3</sub>	2.351E-02 Ω			Rth3 = Cth	3
	Rth <sub>4</sub>	6.669E-02 Ω		-	┸ <u>╺</u>	
	Rth <sub>5</sub>	2.332E-01 Ω				
	Rth <sub>6</sub>	1.122E+00 Ω			Rth4 LCth	_
	Rth <sub>7</sub>	1.958E-01 Ω			」Rth₄ 🕇 Cth₄	1
	Rth <sub>8</sub>	2.337E-03 Ω	(	(P)		
			`	Ý,	5	
					Rth5 + Cthe	5
				_   L		
					<u> </u>	
					Rth6 + Cth	3
					<del>_ • </del>	
					Rth7 + Cth	7
					٠	
Part:	PSMN2R0-25MLD			[	<u> </u>	
lata.	04/0/0040				Rth8 + Cth	3
Oate: Model Rth	21/3/2016 1.65 K/W					
TOUCH KILL	1.00 K/VV			<u> </u>	 tomb	
				$\Diamond$	t <sub>amb</sub> <i>001aal768</i>	2
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